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No. 41]

NEW DELHI, SATURDAY, OCTOBER 12, 1968 (ASVINA 20, 1890)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके
Separate paging is given to this Part in order that it may be filed as a separate compilation

भाग III—खण्ड 2

PART III—SECTION 2

पेटेंट कार्यालय द्वारा जारी की गई पेटेंटों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस

Notifications and Notices issued by the Patent Office relating to Patents and Designs

THE PATENT OFFICE

Patents and Designs

Calcutta, the 12th October 1968

Application for Patents

The dates shown in crescent brackets are the dates claimed under Section 78A of the Act.

21st September 1968

117779. F. L. Smidth & Co. A/S. Rotary kilns with cooler tubes. (22nd September 1967).

117780. Prephar Prospection De Recherches Pharmaceutiques S. A. Process for the extraction purification and sulfonation of glycopeptide obtained from animal organs, useful as a drug.

117781. Ciba Limited. Process for dyeing fully synthetic textile material.

117782. S. T. Henriksson, A. Malmgren, R. L. Muotka and L. H. Widgren. Improvements in transport vehicles for load-carrying purposes.

23rd September 1968

117783. Hindustan Lever Limited. Confections.

117784. V. D. Gaur. Tubeless wheel (animal driven vehicles).

117785. The English Electric Company Limited. Improvements in distance relays. (22nd September 1967).

117786. Allis-Chalmers Manufacturing Company. Improvements in the manufacture of paper.

117787. G.W.B. Boilers Limited. Improvements in or relating to valve systems. (23rd September 1967).

117788. Tube Headings Limited. Improvements in or relating to pipe-driving.

117789. Tube Headings Limited. Improvements in or relating to support structures.

117790. Farbenfabriken Bayer Aktiengesellschaft. Acylated N- (alkylaminoalkyl)- aminopyridines.

117791. Farbenfabriken Bayer Aktiengesellschaft. Acylated N- (alkylaminoalkyl)-aminopyridines.

117792. Combustion Engineering, Inc. Recirculating type steam generator.

117793. Ckd Praha, oborovy podnik. A device for arresting mutual position of two sprung vehicle axles particularly with mobile cranes.

117794. Vsesojuzny Nauchno-Issledovatel'sky Institut Sado-vodstva Im Michurina. Disc attachment for soil tilling implement intended to cover furrows left non-covered main tool.

117795. Texaco Development Corporation. Polymers.

117796. N. V. Philips Gloeilampenfabrieken. Yarn speed measurement on the basis of yarn noise.

117797. N. V. Philips Gloeilampenfabrieken. Method of coating substrates by vapour deposition.

117798. Ciba Limited. New water-insoluble azo compounds and processes for their manufacture.

117799. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Thermoplastic polyester moulding compositions.

117800. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Thermoplastic moulding compositions of polyesters.

117801. Lemo Limited. Improvements in or relating to filters for tobacco smoke.

117802. Karamchand Premchand Private Ltd. A process for the preparation of halobenzene sulphonyl chlorides and their derivatives. [Divisional date 15th October 1965].

117803. Karamchand Premchand Private Limited. A process for the preparation of halobenzene sulphonyl chlorides and their derivatives. [Divisional date 15th October 1965].

24th September 1968

- 117804 Siemens Aktiengesellschaft. Improvements in or relating to data transmission systems. (28th June 1968).
- 117805 Siemens Aktiengesellschaft. A method of operating an inverter by controlling the fundamental frequency of the output A. C. voltage.
- 117806 Knorr-Bremse GMBH. Vacuum pneumatic (compressed air) valve for braking equipments of rail cars.
- 117807 Knorr-Bremse GMBH. Single-release pneumatic brake for rail cars.
- 117808 J. Sondhi. Window frames for railway carriages and other transport vehicles.
- 117809 The Bengal Coal Company Limited. Coal cutting devices used in coal mines.
- 117810 The Bengal Coal Company Limited. Scraper chain used in conjunction with conveyor pans.
- 117811 Ciba Limited. Process for dyeing hydrophobic textile materials.
- 117812 Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Thermoplastic moulding compositions.
- 117813 Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Thermoplastic moulding compositions.
- 117814 Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for the manufacture of block copolyesters.
- 117816 Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Thermoplastic polyester moulding compositions.
- 117816 Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for the manufacture of block copolyesters.
- 117817 Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Thermoplastic moulding compositions on the basis of saturated polyesters.
- 117818 A. Bratland. Process for the production of food-stuffs having a high content of emulsified fat.
- 117819 C. Anstalt Machine for the manufacturing, the dosed filling and the thermowelding of bags of plastic material.
- 117820 Rhone-Poulenc S. A. Ion-exchange membranes.
- 117821 Imperial Chemical Industries Limited. Production of aromatic polyesters. (29th September 1967).
- 117822 Pirelli General Cable Works Limited. Improvements in and relating to electric cables. (3rd October 1967).
- 117823 Pirelli General Cable Works Limited. Improvements in or relating to electrical stress grading elements. (4th October 1967).
- 117824 Joseph Lucas (Industries) Limited. Manufacture of porous tubing. (25th September 1967).
- 117825 B. N. Shah. An ammeter.
- 117826 S. W. Husain. Improvement device in reflecting apparatus.

25th September 1968

- 117827 B. V. S. Sastry. The feed-back gear-box.
- 117828 K. C. Chandra. Coin receiving slot means.
- 117829 K. C. Chandra. Means for electrically actuating a plurality of mechanism in a sequential manner.
- 117930 F. I. Du Pont De Nemours and Company. Novel α -ureidooxycarboxylic acids, their salts and esters and methods of preparing same. [Divisional date 20th January 1967].
- 117831 The General Tire & Rubber Company. Self-sealing valve assembly.
117832. Uniroyal, Inc. Improvements in oligomers.

117833. Uniroyal Englebert France. An improved tire building machine.
117834. Usm Corporation. Improvements in or relating to machines for applying locking patches to threaded elements. [Addition to No. 115814].
117835. Boise Cascade Corporation, W. Achermann and F. Achermann. Process for proofing corrugated cardboard and manufacturing corrugated cardboard by this process, and apparatus for putting the process into practice.
117836. Trustzschler & Co. Apparatus for the pneumatic feeding of fiber tufts to spinning mill machinery.
117837. N. V. Philips Gloeilampenfabrieken. Method of manufacturing electronic devices in particular semiconductor devices and device obtained by said method.

26th September 1968

117838. T. K. Pal. Improvements in or relating to the manufacture of printing blocks.
117839. Gestetner Limited. Offset lithographic printing apparatus. (26th September 1967).
117840. Shell Internationale Research Maatschappij N. V. Preparation of improved conjugated diene polymers.
117841. Allied Chemical Corporation. Process for preparing ammonium uranous pentafluoride.
117842. Monsanto Company. Polymodal ethylene polymers and process.
117843. D. P. Mistry. Improvements relating to novelty articles, particularly for advertisement purposes.
- 117844 G. D. Searle & Co. "2-Oxoestra-4, 9(10), 11-triene-3-ones and process for their preparation. [Divisional date 4th August 1966]

Alteration of Date

112474. Ante-dated to 8th February 1967 under Section 5 of the Act.

Applications Accepted

Notice is hereby given that all persons interested in opposing the grant of patents on any one of the applications referred to below may at any time within four months of the date of the Gazette of India give notice to the Patents' Office in the prescribed form No. 6 of the Indian Patents and Designs Rules, 1933, of such opposition.

A limited number of printed copies of the specifications in the following list will be available for sale from the Government of India Book Depot, 8, Hastings Street, Calcutta, in due course. The price of each specification is Rs. 2 (postage extra, if sent out of India). Requisition for the supply of printed specifications should be accompanied by the numbers of specifications as shown in the following list.

If required typed copies of the specifications together with copies of drawings, if any, can be supplied by the Patent Office on payment of the necessary charges which may be ascertained on application to the office.

The dates shown in crescent brackets are the dates allowed under Section 78-A of the Act.

104389. Council of Scientific and Industrial Research. Modified expansion shall type roof bolt. Accepted on 16th September 1968.

Roof bolt having a nut and a bearing plate at the bottom and a threaded top end to which is screwed a wedge and on the wedge slide shells having wings characterised in that the shell is provided with three wings and further characterised in that said wedge is provided with three inclined surfaces.

108472. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Azo dyestuffs and their metal complex compounds, process for preparing them and process for dyeing textile material therewith. [Addition to No. 101729]. Accepted on 16th September 1968.

The reaction products obtained by reacting 2-amino-5-hydroxynaphthalene-7-sulfonic acid with 3-vinyl-sulfonyl-phenyl-1-isocyanate is coupled with a diazonium salt of 1-aminobenzene-3-sulfonic acid.

108487. R. G. De Penning. Device for automatically unwinding a weft from a bobbin for use in a loom. Accepted on 17th September 1968.

Comprises a rotatable driving shaft having at one end a ratchet wheel, a disc and an L-shaped lever, said lever being connected to a ratchet pawl and a vertical rod connected to a rocking shaft, one transferor and two stoppers.

108488. Murata Machinery Limited. An automatic winding machine. Accepted on 17th September 1968.

Comprising in combination each winding unit having a balloon control means, an actuating means, and a detecting means.

108501. D. Varma. Power looms. Accepted on 19th September 1968.

Comprises a main and a auxiliary shafts, bevel gears, an operating lever connected at one end to heald shafts through actuating means, and a connecting lever pivoted to other end of said operating lever.

108522. Dr. D. E. Garrett. Production of potassium chloride, potassium sulfate and sodium sulfate from brines and the like containing potassium, chloride and sulfate. Accepted on 17th September 1968.

Brine is crystallised by evaporation and then recovering any one of K-chloride, and Na & K sulfates.

- 108541 International Paper Company. Production of cellulosic pulp. Accepted on 21st September 1968.

Comprises displacing alkaline liquor from steeped pulp by washing with water and using displaced alkaline liquor to displace spent cooking liquor from cooked cellulosic pulp.

- 108565 Dunlop Rubber Company Limited. Method for reducing adhesion between the surfaces of two layers of rubber composition in the manufacture of rubber article. (1st January 1966). Accepted on 23rd September 1968.

Comprises forming a non-tacky film of trans-polyisoprene on atleast one of the surfaces to the contacted prior to contacting the two layers.

- 108694 Spetsialnoe Konstruktskoe Byuro "Uralchermetavtomatika". A governing device to control the travel speed of the plunger when pressing on hydraulic presses. Accepted on 18th September 1968.

Characterized in that it is provided with a unit adapted to shape a single pulse or a set of pulses and a signal to disconnect the control circuit.

108834. Fmc Corporation. Fluid material transferring apparatus. Accepted on 19th September 1968.

Comprising a rotatable frame first conduit means mounted on said frame, means for connecting said first conduit means to a storage tank, second conduit means pivotally connected to said first conduit means and means for raising and lowering said second conduit means.

109195. Catalysts and Chemicals Inc. Improvements in the preparation of catalysts suitable for use in the dehydrogenation of hydrocarbons. Accepted on 23rd September 1968.

Comprises 70 to 80% by weight of Fe_2O_3 , 15 to 25% by weight of an alkali metal salt, heat decomposable to the oxide, 0.3 to 5% by weight of chromium oxide and 2 to 5 per cent vanadium oxide.

109208. Uralsky Nauchno-issledovatel'sky i Proektny Institut Stroitelnykh Materialov. Method of manufacturing pressure metal-silicate pipes. Accepted on 24th September 1968.

Characterized in that molten metal is cast into a mould rotating about its horizontal axis, to form a metal shell and prior to complete solidification of metal, a silicate melt is poured, and both the layers being centrifuged together until the silicate layer completely solidifies.

- 109230 Council of Scientific and Industrial Research. A process for the formulation of water thinnable surface coating compositions. Accepted on 20th September 1968.

Grinding and binding pigments with a film forming vehicle comprising and aqueous solution of the ammonium/amine salts of modified alkyl resin.

109275. Ciba Limited. Preparations containing urea or thiourea derivatives for use as molluscicides. Accepted on 12th August 1968.

R_2

Comprises active ingredient Ar-N-C-N with R_1XR_2

known carriers, Ar being aryl or aralkyl R-hydrogen or alkyl R₂-hydrogen, aliphatic, aromatic or araliphatic, R₂-hydrogen, alkoxy or alkyl groups and X is oxygen or sulphur atoms.

109345. Shell Internationale Research Maatschappij N. V. Method and composition for dressing seeds. Accepted on 16th August 1968.

Comprising applying dormin to the seed before sowing.

109485. Rohm and Hass Company. Catalyst. Accepted on 26th August 1968.

Comprising cobalt molybdate fused with one or more of the following tellurides arsenic telluride, bismuth telluride and antimony telluride.

- 109589 Imperial Chemical Industries Limited. Production of coated polymeric film. (29th March 1966). Accepted on 6th September 1968.

Comprises in coating the film with a resin composition that is a condensation product of monoaldehyde with an interpolymer of acrylamide or methacrylamide with at least one other ethylenically unsaturated compound in the presence of an alkanol, having some amino hydrogen groups preferentially substituted, the coated film thus obtained is heated to set the resin after over coating with a heat-seal coating.

109606. Fiber Industries, Inc. Polyethylene terephthalate esters. Accepted on 26th August 1968.

Comprising reacting ethylene glycol and terephthalic acid in the presence of low molecular weight polyethylene terephthalate esters at a temperature of 200° to 300°C.

109699. Farbwerke Hoechst Aktiengesellschaft vormals Meister Lucius & Bruning. Process for preparing polyolefins having a broad molecular-weight distribution. Accepted on 13th September 1968.

Characterises in using a reduced titanium compound as a catalyst component which is a mixture of titanium compounds consisting of (a) reaction product of TiCl_4 with alkyl compounds containing chlorine (b) Reaction product of $\text{Ti(OR)}_{4-n}\text{Cl}_n$ ($n=1-3$, R= isopropyl/isobutyl) with Aldiethyl monochlorite or at sesquichlorite.

109729. Imperial Chemical Industries Limited. Copolymers of acrylonitrile and conjugated aromatic olefine. (24th March 1966). Accepted on 16th September 1968.

Comprises a process in which some of the aromatic olefine is added to the reaction mixture to maintain the monomer ratio in the mixture substantially constant, the rate of addition being determined by the rate of production of heat in the polymer formation.

109791. Contraves A. G. A method for producing low specific gravity body and the bodies so produced. Accepted on 18th September 1968

Wherein foam granules is mixed with hardenable binder agent and subsequently mixed with solid pulverulent material.

109805. Hooker Chemical Corporation. Anode anchorage system for electrolytic cells. Accepted on 20th September 1968.

Comprising a conductive medium with attached anode blades and one surface thereof shaped to have a matching projection or recess to that in the cell bottom.

109807. Veb Mansfeld Kombinat "Wilhelm Pieck". Apparatus for the automatic analysis of X-ray fluorescence. Accepted on 20th September 1968.

Wherein two bragg spectrometers are used for measuring the elementary components, the one of these two spectrometers measuring the effective radiation of the specimen and the other spectrometer simultaneously measuring the radiation background inherent in the measured effective radiation and wherein means are provided which ensure that detection planes lie in close neighbourhood to each other.

109835. M & T Chemicals Inc. Process for preparing organic thiostannate metal salts. Accepted on 21st September 1968.

Dibutyltin sulfide in isopropyl alcohol is reacted with sodium sulfide.

109856. The Dunlop Company Limited. Improvements in or relating to the curing of rubber or plastics articles. (24th March 1966). Accepted on 21st September 1968.

Heating the article, sensing at intervals the temperature of cure at least two boundary surfaces of the article, computing from the temperature, the corresponding temperature at a point between the boundary surfaces, comprising the computed temperature with a predetermined reference temperature of cure then determining the period of heating necessary for complete cure at said point and cooling the article.

109881. O. S. Grop. Device for refilling the fuel container of cigarette lighters. Accepted on 21st September 1968.

Providing a device for connecting a tube, protruding from a fuel refill container, with the fuel container of a cigarette lighter at the refilling with fresh fuel of its fuel container.

109923. S. K. Karanjia. Improvements in or relating to the pilfer-proof and/or leak-proof sealing of containers. Accepted on 24th September 1968.

Wherein the container is provided with a step at its inner wall, a disc which fits inside is placed and thereafter the wall projecting above disc is reshaped so as to hold the said disc.

109948. Allied Chemical Corporation. Process for moulding large hollow articles of caprolactam. Accepted on 16th September 1968.

Which comprises the step of providing in a metallic mould a liquid charge comprising ϵ -caprolactam, anionic catalyst for polymerisation and promoters of said polymerisation.

110092. Niehaus Engineering Societe Anonyme. A method of producing an end product from a solid or partially solid initial metal charge and apparatus therefor. Accepted on 25th September 1968.

Comprising locating the charge in a furnace vessel, melting the charge in the furnace and setting up a mixing agitation in the molten charge by movement of the vessel.

110137. American Flange & Manufacturing Co., Inc. Apparatus for securing container closures. Accepted on 18th September 1968.

Comprises an axially movable mounting member, a plurality of circumferentially arranged sealing members connected to said member, a member providing continuous annular working surface for co-action with a container-neck and an unsecured closure cap loosely applied thereto.

110172. Uniroyal, Inc., formerly known as United States Rubber Company. Improvements in plant growth regulant compositions or phyto-active compositions. Accepted on 21st September 1968.

Comprising 6-hydroxy-3-(2H)-pyridazinone and adjuvant having polyoxy ethylene chain terminated by hydroxyl group on one end and branched aliphatic moiety connected to other end through oxygen.

110191. Toyo Koatsu Industries, Inc. Two-step process for synthesizing urea. Accepted on 19th September 1968.

Reacting CO_2 and excess NH_3 at urea synthesizing temperature and pressure in first zone and reducing the pressure, in second zone of first urea synthesis effluent, to 80 to 160 Kg. (gauge), passing gaseous mixture of first zone into second at 130—180°C to obtain both phases of second urea synthesis effluent, reducing pressure therein below 1019/c.m² to drive off unreacted NH_3 and CO_2 and absorbing partly second gaseous mixture in absorbent recirculation.

110197. I. L. Mehta. W-shape and crossed wire-clip. Accepted on 24th September 1968.

Comprising a wire which is bent in such a way that the two ends of the wire are in a plain forming a loop.

110209. Sri Sunit Kumar Mukerjee, Amar Bose and Reba Banerjee. Improvements in or relating to dehydrator for dehydrating vegetables, fruits or the like materials. Accepted on 23rd September 1968.

Wherein the grate width as well as the chimney width measured along the width of the drier are almost equal to the width of the drier trays.

110494. Textura AG. Method and apparatus for splicing yarn. Accepted on 24th September 1968.

Comprises laying the yarns to be spliced in overlapping relation in a confining zone and passing compressed air through the overlapping yarn portions within said zone to effect an entanglement of filaments of both yarns.

110511. N. V. Philips Gloeilampenfabrieken. A semiconductor device of the kind having groups of crossing connections. Accepted on 20th September 1968.

Having connections of the second group including between the crossings a preferably diffuse surface zone of one conductivity type surrounded in the semiconductor body by a region of the other conductivity type so that each connection of the second group has an uninterrupted surface zone which is crossed by connections of first group.

110713. North American Rockwell Corporation. Improvements in or relating to brake assembly. Accepted on 20th September 1968.

Wherein a reciprocable wedge actuator project into an actuator housing, an axially outwardly facing abutment at said housing bore accurately located at predetermined distance from the plunge axis, a co-operating axially inwardly facing abutment on the support and retainer unit forcing the motor.

110939. The Eimco Corporation. A clam shell bucket for material handling machine. Accepted on 19th September 1968.

Comprises a front bucket half and a rear bucket half, the front bucket half includes a pair of spaced side walls, a bottom wall, a front wall and a pair of wing members extending rearwardly from each of said walls.

110990. Palitex Project-Company GmbH. A double twist spindle. Accepted on 20th September 1968.

Comprises a hollow cylindrical holder for mounting the tubular cores of the bobbins, so that the holder can be inserted into or doffed from the spindle together with the bobbins as a unit.

111424. Y. N. S. Murthy. Burglar alarm for automobile vehicles. Accepted on 20th September 1968.

Comprising and electric horn blowing circuit energized by a plunger operated switch irrespective of switching off of the ignition switch of the automobile or actuation of a two way switch to a position for by passing the coil of the plunger.

111728. K. Otani. Steelmaking process using oxygen under high pressure. Accepted on 23rd September 1968.

Blowing a large quantity of oxygen under high pressure into a furnace with raw materials charged therein and introducing a suitable amount of hydrocarbon-base reducing gas forming agent.

111748. Farbenfabriken Bayer Aktiengesellschaft. Cross linked acrylonitrile copolymers and ion exchangers made therefrom. Accepted on 21st September 1968.

Comprises copolymerizing acrylonitrile and an aliphatic or cycloaliphatic hydrocarbon containing 2 or more allyl groups.

112030. Farbenfabriken Bayer Aktiengesellschaft. Process for brightening fibre materials, soaps, lacquers, or shaped articles made from synthetic plastics, and materials and articles when brightened by the process. (18th January 1967). Accepted on 21st September 1968.

Characterises in that the brightening agent is a blue fluorescent V-triazolyl-2 stilbene compound or salt thereof.

112082. Ciba Limited. Water insoluble styryl dyestuffs and processes for their manufacture and fibrous materials dyed or printed therewith. Accepted on 21st September 1968.

Process for the manufacture of water insoluble styryl dyestuffs comprises condensing an aldehyde or an aldamine thereof with cyano compound on a styryl compound with an aryl, alkyl or heterocyclic mercaptan.

112167. The Bendix Corporation. Disc brake. Accepted on 24th September 1968.

Comprising means slidably connecting a caliper housing straddling a rotor and a torque taking member secured to one side of rotor for movement of said housing with respect to said member in a direction transverse to said rotor faces.

112326. Farbenfabriken Bayer Aktiengesellschaft. Process for brightening natural and synthetic fibre materials and stayed articles of synthetic origin. (11th January 1967). Accepted on 24th August 1968.

By treating the material with a solution, in water or an organic solvent, or with an aqueous dispersion containing a brightening agent.

112398. Allmanna Svenska Elektriska Aktiebolaget. Sidelay guiding means for strip or sheet-formed material. Accepted on 19th September 1968.

Support members are arranged to press against the edge part of the material in the immediate vicinity of the points where the sensing means abuts said edge.

112474. Council of Scientific and Industrial Research. Modification of alkyd resins to render them suitable for the formulation of water soluble/dispensible resins and surface coating compositions. [Divisional date 8th February 1967]. Accepted on 20th September 1966.

Reacting the condensation products of monoglycerides of drying and non drying oils and phthalic anhydride with rosin maleic anhydride adduct or its esters in an inert atmosphere at 150–250°C.

112718. The Upjohn Company. Herbicidal compositions. Accepted on 21st September 1968.

Characterized in that o-nitrobenzene sulphonamide of formula $C_6H_4(NO_2).SO_2N(R_1R_2)$ where $R_1=H, -CH_3$ or C_2H_5 and $R_2=H$ or alkyl from 1 to 12 C-atom, is used as the active substance.

112796. Veb Starkstrom-Anlagenbau Erfurt. Electronic protective apparatus. (9th January 1967). Accepted on 24th September 1968.

Having a circuit arrangement in which thermal image is represented by oxide semiconductor resistors and contactless trapping is effected by measurement of the varying resistance.

112818. Halcon International, Inc. Process for preparing borate ester of alcohol. Accepted on 25th September 1968.

Oxidizing a hydrocarbon in presence of boron compound, discontinuing passage of oxygen and heat soaking the reaction product.

113002. Trafikaktiebolaget Grangesberg-Oxelösund. Process for the coldhardening of shaped bodies containing finely divided metal oxides and binding agents. Accepted on 21st September 1968.

Shaped bodies embedded in a mass so that they are isolated from each other and that the shaped body under the influence of the mass are subjected to overall pressure to cause the body maintain its shape.

113134. Rexall Drug and Chemical Company. Polypropylene blends. Accepted on 24th August 1968.

Comprises 1 to 20 percent of an oxygenated polyethylene metal complex and a propylene polymer.

113139. Halcon International, Inc. Process for the production of ethylene oxide. Accepted on 25th September 1968.

The improvement wherein ethane is employed in amount of at least 10 mol% in the oxidation reaction mixture.

113191. Fuller Company. Method of preparing a compacted sample of a finely divided solid material to determine the fineness of the said material and apparatus therefor. Accepted on 23rd September 1968.

Comprising the steps of compacting an unweighed portion of the finely divided material in a predetermined standard cross-sectional configuration, continuing the compacting to a predetermined standard porosity, and removing a portion of the compacted material in an amount sufficient to leave a compacted sample of a predetermined length.

113198. Continental Water Conditioning Corporation. Apparatus and method of regenerating ion exchange material from service demineralizers. Accepted on 20th September 1968.

Separating anion and cation exchange materials, regenerating each separately and mixing them finally.

113304. Pilkington Brothers Limited. Device for indicating the height of the surface of a liquid. (25th November 1966). Accepted on 18th September 1968.

Comprising a hollow probe, means for supplying gas thereto, a device responsive to gas pressure at the probe outlet occurring when the outlet is at least partially closed by a liquid, and an indicator device connected to the device responsive to gas pressure.

113311. Borg-Warner Corporation. Plasticizing device for plasticizing plastic materials. Accepted on 20th September 1968.

Head means having a sloped surface, a seat defining a plasticizing zone, means for rotating one of the head means and the seat, and a feeding means.

113465. Gorresen Pty. Limited. Coal slurry process for manufacture of cement in vertical kilns. Accepted on 23rd September 1968.

Free-flowing coal slurry is proportioned to and homogenized with cement raw meal and the mix fed to nodulizer.

113692. Fuji Iron & Steel Co., Ltd. A process of forming a chromate film on a chromium plated steel sheet, a steel sheet so produced, and can stock made of the said steel sheet. Accepted on 25th September 1968.

Steel sheet having surface plated chromium layer of a thickness not exceeding about 0.1 micron and a chromate film electrochemically deposited on the chromium layer the chromate film layer being of thickness not more than 1 mg/dm².

113994. A. C. Monge. Improvements in systems for operating; weft inserters in shuttleless looms. Accepted on 23rd September 1968.

The endless belt connecting the two pulleys is attached to a movable element sliding along a stationary guide bar and bearing the weft inserter.

114125. British Hovercraft Corporation Limited. Improvements in or relating to flexible skirting assemblies for ground effect machines. (20th February 1967). Accepted on 24th September 1968.

The skirt assembly including an upper hollow flexible member inflated to desired pressure and a lower part made up of a plurality of contiguous segments, the height of at least some of the segments is between 45% and 55% of the height of flexible skirt assembly.

114191. Veb Tanak-Und Industriemaschinen Dresden. A method of producing a continuous strand of loose fibres particles, and apparatus therefor. (10th June 1967). Accepted on 20th September 1968.

In which the pneumatically conveyed stream of tobacco in the form of a jet in the direction of a secant on the suction conveyor wheel from a transfer point formed as a discharge aperture having a relatively small cross-section enters in a flow chamber defined on all sides between transfer point and suction conveyor wheel.

114489. N. V. Philips Gloeilampenfabrieken. Microheating elements, more particularly for cathodes of electron tubes. Accepted on 18th September 1968.

Characterized in that the element comprises a filamentary silicon carbide crystal.

114638. N. V. Philips Gloeilampenfabrieken. Colour television display device. Accepted on 23rd September 1968.

Comprising correction means which pass unequal deflection currents through two symmetrical coil halves of first deflection coil system.

115266. The Cementation Company Limited. Improvements in rotary ground boring apparatus. (4th April 1967). Accepted on 20th September 1968.

Incorporating a mounting structure, a hollow ground supporting and/or water excluding tube which can be axially aligned with a hole to be bored, a drive mechanism for imparting rotary torque, means for axially displacing tube, a boring tool, a drive transmitting means.

115358. Lemforder Metallwaren A. G. Improvements in or relating to ball joints. Accepted on 20th September 1968.

Between a fixed connecting linkage and the joint casing, a ball head of a link pin is accommodated and an annular sealing plug of cellular elastic material makes contact with the fixed connecting linkage and the casing.

115447. Super Oil Seals & Gaskets Limited. Improvements relating to shaft seals. Accepted on 23rd September 1968.

Wherein a lip of resilient material has as a main sealing means a circular edge adapted to be urged into contact with a co-acting rigid surface rotatable relative to the seal, and as a secondary sealing means a formation lying on the walling of the lip.

115751. Associated Lead Manufacturers Limited. Improvements in the manufacture of stabilizers for poly-vinyl chloride compositions. (16th May 1967). Accepted on 25th September 1968.

Heating to 50–60°C a mixture of organic solvent having a boiling point of at least 220° and acid constituent of soap mixture to be made, adding oxide, hydroxide or carbonate of two or more of the metals of the group consisting of barium, calcium, strontium, cadmium, zinc, tin, magnesium and lead and thereafter heating the mixture to a temperature sufficient to boil off the water of reaction.

Opposition Proceedings

Application for Patent No. 104609 made by Jaggy & Company an opposition to grant of a patent on which was entered by Union Carbide India Limited and which was notified in the Gazette of India Part III, Section 2, dated the 2nd December, 1967, has been treated as abandoned.

Patents Sealed

101458, 102996, 103280, 103362, 103743, 103745, 103854, 103855, 103891, 103892, 104033, 104049, 104114, 104143, 104159, 104254, 104290, 104307, 104414, 104428, 104636, 104673, 105009, 105500, 105870, 105983, 106046, 106075, 106258, 106637, 106846, 107041, 107172, 107290, 107696, 108043, 108871.

REGISTRATION OF ASSIGNMENTS, LICENCES, ETC.

(Patents)

Assignments, licences or other transactions affecting the interests of the original patentees have been registered in the following cases. The number of each case is followed by the names of the parties claiming interests:—

81948—M/s. Lansing Bagnall Limited.

50168—M/s. Nagree & Company.

Renewal Fees Paid

50413, 50539, 52784, 52795, 52829, 52841, 52982, 53007, 53030, 53240, 54188, 55650, 55661, 55715, 55758, 55883, 58332, 58525, 58539, 58570, 58647, 58648, 58669, 58747, 58755, 58760, 58761, 58795, 58802, 58820, 58886, 59038, 59042, 59078, 59103, 59291, 59513, 59749, 61218, 61937, 61957, 62003, 62017, 62049, 62081, 62121, 62122, 62134, 62149, 62221, 62246, 62362, 62363, 62386, 62407, 62423, 62462, 62518, 64051, 65456, 65457, 65467, 65486, 65541, 65545, 65585, 65587, 65599, 65624, 65628, 65634, 65670, 65688, 65828, 65876, 65880, 65897, 65898, 65911, 66180, 66240, 66243, 66248, 66268, 66484, 68046, 68477, 69230, 69321, 69332, 69349, 69382, 69401, 69423, 69424, 69486, 69540, 69670, 69813, 69939, 69985, 70078, 70079, 70150, 70235, 70236, 70237, 70258, 70713, 71562, 72744, 72915, 72933, 72935, 73043, 73115, 73120, 73330, 73490, 73539, 73542, 73552, 73565, 73566, 73586, 73587, 73634, 73764, 73767, 73768, 73817, 73838, 73855, 73924, 73932, 73983, 74081, 74500, 74722, 74735, 74736, 74760, 76152, 78033, 78255, 78743, 78758, 78771, 78803, 78806, 78820, 78831, 78882, 78897, 78898, 78899, 78900, 78902, 78985, 79003, 79005, 79011, 79029, 79077, 79087, 79097, 79168, 79233, 79338, 79341, 79367, 79368, 79401, 79453, 79458, 79459, 79469, 79537, 79542, 79681, 79850, 79851, 79894, 79970, 79971, 80093, 80696, 84221, 84268, 84492, 84528, 84529, 84585, 84597, 84688, 84702, 84706, 84716, 84727, 84784, 84833, 84870, 84871, 84877, 84878, 84919, 84971, 85234, 85378, 85471, 85488, 85504, 85540, 85560, 85692, 85801, 86499, 86572, 86619, 88823, 88827, 89018, 90002, 80023, 90050, 90147, 90159, 90202, 90232, 90233, 90281, 90283, 90318, 90322, 90335, 90336, 90347, 90365, 90392, 90393, 90421, 90422, 90423, 90447, 90456, 90497, 90499, 90500, 90501, 90502, 90616, 90685, 90750, 90790, 90800, 90828, 90833, 90851, 90845, 90929, 91076, 91143, 91144, 91176, 91186, 91252, 91341, 91381, 91424, 91570, 92045, 92200, 92203, 92204, 92205, 92206, 93321, 93565, 95275, 95438, 95506, 95539, 95723, 95759, 95792, 95797, 95801, 95822, 95829, 95874, 95884, 95892, 95895, 95898, 96011, 96055, 96067, 96103, 96122, 96126, 96127, 96147, 96161, 96189.

96197. 96201. 96229. 96271. 96282. 96288. 96303. 96567.
96589. 96590. 96601. 96617. 96642. 96645. 96652. 96666.
96667. 96671. 96678. 96712. 96724. 96725. 96741. 96808.
96890. 96892. 96946. 96996. 97041. 97051. 97327. 97465.
97841. 99806. 99985. 101136. 101815. 102315. 102629
102729 103224

Registration of Designs

The following designs have been registered. They are not open to inspection for a period of two years from the date of registration except as period for in Section 50, of the Indian Patents and Designs Act.

The date shown in each entry is the date of registration of the designs including the entry.

The dates shown in crescent brackets are the dates claimed under Section 78-A of the Act

- Class 1. No. 132359. Dutta Engineering Works, 2365, Teliwara, Delhi-6, a firm registered under the Indian Partnership Act, 1932, Indian Nationals, "Power press", December 5, 1967.
- Class 1. No. 132703. J. J. Industries, a registered Indian partnership firm, of Janata Industrial Compound, Opp. Phoenix Mills, Tulsi Pipe Road, (South), Lower Parel, Bombay-13, in the State of Maharashtra, within the Union of India, "Containers", January 15, 1968.
- Class 1. Nos. 132807 to 132809. Una & Company, 2891 Main Bazar, Subzi Mandi, Delhi (an Indian Partnership Firm), "Mirror", January 17, 1968.
- Class 1. No. 132895. Alvin Industrial Appliances (Indian Partnership Firm), Sagar Resham, Band Stand, Bandra, Bombay-50 (Maharashtra) "Lock Handle", January 24, 1968.
- Class 1. Nos. 133030 and 133031. Rex Auto Products, 3060, Bahadur Garh Road, Delhi, Indian partnership concern, "Mirror", February 6, 1968.
- Class 1. Nos. 133241 and 133242. Raja Toys Co., (An Indian Partnership Concern), 33, Deputy Ganj, Delhi, "Toy", February 24, 1968.
- Class 1. Nos. 133258 to 133265. Elegant Industries Private Limited, (A Company registered under the Indian Companies Act), 250-D, Worli, Bombay-18 (Maharashtra), "Pendant", March 1, 1968.
- Class 1. No. 133331. Jagjivandas & Co., 15, Bada Mandir Gaushala IIIrd Bhoiwada, Bombay-2, Maharashtra Indian Partnership Firm, "Soap Box", March 11, 1968.
- Class 1. No. 133401. Bengal Scientific & Technical Works (Private) Ltd., an Indian Company, 20/3, Aswini Dutt Road, Calcutta-29, West Bengal, India, "Incandescent lamps", March 18, 1968.
- Class 1. Nos. 133408 to 133416. Elegant Industries Private Limited (A Company registered under the Indian Companies Act), Udyog Bhavan, 250-D, Worli, Bombay-18 (Maharashtra), "Eartop", March 19, 1968.
- Class 1. Nos. 133471 to 133474. Ascu Hickson Ltd., 7A, Engin Road, Calcutta-20, West Bengal, India, an Indian Company, "A structural or building element", March 26, 1968.
- Class 1. No. 133495. Elegant Industries Private Limited (A Company registered under the Indian Companies Act), Udyog Bhavan, 250-D, Worli, Bombay-18 (Maharashtra), "Button", March 29, 1968.
- Class 1. No. 133520. Vanaz Engineers Private Limited, Incorporated in India, 396, Veer Savarkar Marg, Prabhadevi, City of Bombay, State of Maharashtra, India, "Valves", April 4, 1968.
- Class 1. No. 133537. Malawa Ram Mediratta, an Indian National, 6, Daya Lane, Ram Kishore Road, Delhi-6, "Self centring chucks", April 5, 1968.
- Class 1. No. 133558. Rex Auto Products (India) Regd., Indian Partnership firm, 3060, Bahadur Garh Road, Delhi, "Car Mirror", April 8, 1968.
- Class 1. No. 133610. Dheyan Pal, an Indian National, Proprietor, Raj Auto Industries, 1066, Bartan Market, Sadar Bazar, Delhi-6, "Horn for motor vehicles", April 17, 1968.
- Class 1. Nos. 133672 and 133673. Ramgopal Vaid and Kaushalyadevi Vaid, 19, Bhagwan Mansion, Cinema Road, Dhobi Talao, Bombay-1, Maharashtra State and both Indian subjects, "Fastening nut", April 27, 1968.
- Class 1. No. 133675. Shreekanth Yeshawant Bhagwat, an Indian citizen, 176, Parvati, Poona-9, Maharashtra State, India, "Book rest (Stand)", April 29, 1968.
- Class 3. No. 132580. N. P. Industries, 48 South Tangra Road, Calcutta-46, State of West Bengal, India, an Indian Partnership firm, "Torchlights", December 29, 1967.
- Class 3. No. 132684. Calcutta Footwear Company, an Indian Partnership Firm, Room No. 22, 40, Strand Road, Calcutta-1, West Bengal, India, "The sole of footwear", January 6, 1968.
- Class 3. No. 132900. Plasto (India) Products (Regd.) of F-143, Ghaffar Market, Karol Bagh, New Delhi-5 which is an Indian Partnership concern, "Suttle cock", January 25, 1968.
- Class 3. No. 133047. Chan Rahman, Indian, 112, Zakaria Masjid Street, Bombay-9, Maharashtra, "Toy pistol", February 12, 1968.
- Class 3. No. 133053. Swastik Rubber Products Limited, a limited liability company, incorporated under the Indian Companies Act, with their Registered Office at Swastik House, Behind Kirkee Railway Station, Poona-3, Maharashtra, India, "The sole of shoes", February 12, 1968.
- Class 3. Nos. 133136 and 133137. Bata Shoe Company Private Limited, a private limited company incorporated under the Indian Companies Act, 30, Shakespeare Sarani in the town of Calcutta, West Bengal, "A sole for footwear", February 16, 1968.
- Class 3. No. 133380. Chanrai Utamchand, an Indian Partnership firm, 93, Queens Road, Bombay No. 1, Maharashtra State, "Sole for footwear", March 12, 1968.
- Class 3. No. 133430. Rocklite Fibreglass Industries, Wagle Industrial Estate, Thana, Maharashtra, India, an Indian partnership firm duly registered under the Indian Partnership Act, "A bath-tub", March 21, 1968.
- Class 3. Nos. 133467 to 133470. Ascu Hickson Ltd., 7A, Elgin Road, Calcutta-20, West Bengal, India, an Indian Company, "A structural or building element", March 26, 1968.
- Class 3. No. 133609. The Metal Box Company of India Limited, Barlow House, 59C, Chowringhee, Calcutta-20, West Bengal, India an Indian Company, "A container", April 15, 1968.
- Class 3. No. 133620. Balsara Hygiene Products, an Indian Partnership Firm duly registered under the Indian Partnership Act, 43, Meadows Street, Fort, Bombay-1, State of Maharashtra, India, "A container", April 19, 1968.
- Class 3. Nos. 133663 and 133664. Bombay Latex & Dispersions Private Ltd., 34 Western India House, Sir Phirozshah Mehta Road, Bombay-1, State of Maharashtra, A private limited company incorporated under the Indian Companies Act, "Nipple", April 25, 1968.
- Class 3. No. 133676. Shreekanth Yeshawant Bhagwat, an Indian citizen, residing at 176 Parvati, Poona-9, Maharashtra State, India, "Book rest (stand)", April 29, 1968.
- Class 3. No. 133683. G. D. Pharmaceuticals Private Limited, a Private Limited Company duly incorporated under the Indian Companies Act, 1913 of 9, Girish Avenue, Calcutta-3, West Bengal, "Bottle cap", April 30, 1968.

- Class 3. No. 133695. Shrikant Jain, Chandmal Srimal and Kanakraj Parekh, all Indian National, B. K. Plastic Industries 33, Burtolla, Street, Calcutta-7, State of West Bengal, India, "Container", April 30, 1968.
- Class 4. No. 132378. The Welcome Foundation Limited, A British Company, 183-194 Euston Road, London, N. W. 1, England, "A jar", December 7, 1967.
- Class 4. No. 132951. Khoday Distilleries Private Limited, (Incorporated in India under the Indian Companies Act), No. 54, Kannayakana, Anekal Taluk, Bangalore, Mysore State, India, "Bottles", January 29, 1968.
- Class 4. No. 133313. Societe Guerlain, 68, Avenue des Champs-Elysees, Paris, France, a French Company, "A bottle or flask", March 8, 1968.
- Class 4. Nos. 133475 to 133480 and 133482. The Mahalakshmi Glass Works Pvt. Ltd., (A Company registered under the Indian Companies Act), Moses Road, Bombay-11, (Maharashtra), "Bottle", March 27, 1968.
- Class 10. No. 132832. Bharat Swiss Footwear Co., Pvt., Ltd., Second Floor, Merchant Chamber, 41, New Marine Lines, Bombay-1, Maharashtra State, India, an Indian Company, "Footwear", January 20, 1968.

Class 10. No. 132859. Jayesh Plastics, Kandivali Industrial Estate, Plot No. 112, Bombay-67, Maharashtra, Indian Partnership Firm, "Chappals", January 22, 1968.

Class 11. No. 133010. Fancy Corporation Limited, A Company registered in India, Vithaldas Chambers, 16, Apollo Street, Fort, Bombay-1, State of Maharashtra, India "Socks", February 5, 1968.

Class 13. No. 133795. Sovrin Knit Works, Fategarh Road, Amritsar (Punjab), a registered firm of Indian Nationality, "Textile goods", May 14, 1968.

Class 14. No. 134003. Jiyajeerao Cotton Mills Ltd., Indian Company, Birlanagar (Gwalior), "Textile goods", June 10, 1968.

Registration of Assignments, Licences, etc. (Designs)

Assignments, licences or other transaction affecting the interest of the original proprietors have been registered in the following cases. The number of each case is followed by the names of the applicants for registration :—

117642	}	—M/s. Macneill & Barry Limited.
117643		
117644		
130491		

S. VEDARAMAN
Controller General of Patents, Designs and
Trade Marks